

Amendments to the Claims:

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1-8 (Cancelled).

9. (Original) A genetic cartridge designated ITR.

10. (Currently Amended) A genetic cartridge designated ITR1.1k, wherein ITR1.1k is an insert of pBSII-ITR1.1K-ECFP as shown in FIG. 25.

11. (Original) A vector designated pXL-Bac as shown in FIG. 3.

12. (Original) A vector designated pXL-BacII-ECFP as shown in FIG. 24.

13. (Previously Presented) A vector designated pBSII-ITR1.1k-ECFP as shown in FIGs. 24 and 25

14-15. (Cancelled)

16. (Previously Presented) A method of converting a plasmid into a functional *piggyBac* transposon, said method comprising:

- (a) obtaining the cartridge of claim 9; and
- (b) inserting said cartridge into the plasmid.

17. (Previously presented) A method of converting a plasmid into a functional *piggyBac* transposon, said method comprising:

- (a) obtaining the cartridge of claim 10; and
- (b) inserting said cartridge into the plasmid.

18. (Currently amended) A DNA construct for transforming a cell, said construct comprising the vector of claim 11 ~~DNA molecule of claim 20 and further comprising a DNA molecule to be transferred to the cell.~~

19. (Currently amended) A DNA construct for transforming a cell, said construct comprising the DNA ~~molecule~~ construct of claim 18 ~~claim 23~~ and further comprising a DNA molecule to be transferred to the cell.

20-32. (Cancelled)